**Vendor:** Huawei

**Exam Code:** H12-921_V1.0

**Exam Name:** HCIE-Data Center Network (Written) V1.0

**Version:** DEMO

**QUESTION 1**
If a company provides services with large bursts of traffic, large gaps in business needs between peaks and valleys, and a wide distribution of users, which of the following methods should the company adopt to deploy its services based on cost and user experience considerations?

A. Intra-city active-active
B. Two places and three centers
C. Hybrid cloud
D. Edge DC

**Answer:** C
**Explanation:**
Typical application scenarios of hybrid cloud: business bursts, application load expansion: In order to cope with the peak demand caused by seasonality or emergencies, public cloud resources are temporarily leased to quickly improve business response capabilities and computing processing capabilities.

**QUESTION 2**
In the computing linkage scenario of the CloudFabric solution, when the VM is wired, iMasterNCEFabric senses the port on which of the host connects to the leaf point through which of the following protocols?

A. LLDP
B. NETCONF
C. HTTP
D. gRPC

**Answer:** A

**QUESTION 3**
Network-wide intelligent O&M is a feature of Huawei's CloudFabric solution, which provides intelligent O&M compared with traditional device-centric O&M
It is centered on which of the following, minutes Level of identifying cyber risks?

A. Business
B. Configuration
C. Hardware
D. Agreement

**Answer:** A

**QUESTION 4**
Which of the following descriptions of firewalls is wrong when deploying a data center network?

A. After different security zones are divided on the firewall, the different security zones are isolated by default
B. Firewalls can be deployed alongside Border Leaf to control secure access to incoming and outgoing traffic
C. The firewall can be managed through SecoManager, but the service needs to be configured manually

D.  Firewalls can be deployed in active and standby image mode to enhance reliability

**Answer:** C
**Explanation:**
FW' s services can be automatically delivered through SecoManager

**QUESTION 5**
Which of the following descriptions of the RTT requirements between different PoDs is correct in the Multi-PoD scenario of the CloudFabric solution?

A.  No more than 50ms
B.  No more than 100ms
C.  No more than 10ms
D.  No more than 1s

**Answer:** A
**Explanation:**
When using the Multi-PoD solution, it is recommended that the iMaster NCE-Fabric and the central DC device pull the RTT latency by <=50 ms. It is recommended that the iMaster NCE-Fabric and Edge DC Leaf extend the RTT latency by <=300 ms. If the active/standby disaster recovery deployment mode of iMaster NCE-Fabric controllers is used, the latency between controllers is < = 20 ms.

**QUESTION 6**
Which one is wrong in the description of calico, the networking solution for Kubernetes?

A.  Felix is primarily used to store the metadata of the calico and to serve as a communication hub for the various components of the calico
B.  Think of the server running the container as a router, and then run the specified routing protocol on the router
C.  In large-scale networking, a route reflector is used to synchronize pod routes across the network
D.  Use BGP as the routing protocol

**Answer:** A

**QUESTION 7**
Centralized storage generally provides data storage by the storage array, which of the following components does the storage array contain?

A.  Power module
B.  controller
C.  Hard disk enclosure
D.  Interface modules

**Answer:** ABCD

**QUESTION 8**
Which of the following descriptions of the business chain is wrong?

A. In the NSH implementation, the service chain function is implemented by inserting the NSH header into VXLAN packets
B. In the PBR implementation, the controller delivers PBR diversion policy routes to SFF and SC nodes hop-by-hop through NETCONF
C. In PBR implementation, the controller delivers filtering and redirection policies to the SC nodes to selectively redirect service traffic
D. In the NSH implementation, the SF node must support NSH

**Answer:** D


**QUESTION 9**
In a data center network, which of the following technologies can be used to achieve sub-second data collection?

A. SNMP
B. Telemetry
C. NETCONF
D. RESTCONF

**Answer:** B


**QUESTION 10**
After the dual-stack transformation of the Internet access area of the data center network, which of the following methods can the network egress choose to interconnect with the operator's IPv network?

A. Static IPv6 routes
B. OSPFv3
C. IBGP4+
D. EBGP+

**Answer:** AD


**QUESTION 11**
Which of the following terms is NOT a hard disk media?

A. SAN
B. SCM
C. SSD
D. HDD

**Answer:** A


**QUESTION 12**
In which of the following storage network architectures does the storage array provide file storage to the server?

A. DAS

B. IP SAN
C. NAS
D. FC SAN

**Answer:** C
**Explanation:**
Resolution: Both AB and D are block storage.

**QUESTION 13**
Which of the following is not within the scope of the iMaster NCE-FabricInsight protocol layer health assessment?

A. OSPF connection
B. BGP peer connection
C. M-LAG group status
D. VXLAN tunnels

**Answer:** D
**Explanation:**
Resolution: ABC These three options are failures at the protocol layer, while option D is failures at the overlay layer.

**QUESTION 14**
Which of the following types of network overlay networking does the CloudFabric solution consist of?

A. Hub-Spoke
B. Full-mesh
C. Centralized gateways
D. Distributed gateways

**Answer:** CD

**QUESTION 15**
Which of the following descriptions of container technology and virtual machine technology is wrong?

A. Container images are smaller than virtual machines
B. Containers start up faster than virtual machines
C. Containers don't need separate kernels
D. Containers are more isolated than virtual machines

**Answer:** D

**QUESTION 16**
Which of the following components of open-source OpenStack provides management services for the lifecycle of bare metal servers?

A. Ironic

B. Nova
C. Horizon
D. Heat

**Answer:** A
**Explanation:**
Ironic is responsible for the management of bare metal services.

## QUESTION 17
Centralized storage generally provides data storage by the storage array, which of the following components does the storage array contain?

A. Power module
B. controller
C. Hard disk enclosure
D. Interface modules

**Answer:** ABCD

## QUESTION 18
In the container network scenario of the CloudFabric solution, when the container accesses the network through the L3 route mode, which of the following components establishes a BGP neighbor relationship with the ToR?

A. CNI Plugin
B. vRouter
C. bird
D. etcd

**Answer:** C

## QUESTION 19
Which of the following does not support cross-site L2 interoperability in the Multi-Site interconnection scenario of the CloudFabric solution?

A. VLAN Hand-off
B. L3 Underlay
C. End-to-end VXLAN
D. Segment VXLAN

**Answer:** B

## QUESTION 20
In a CloudFabric multi-computing lossless network, if a device wants to remove the PFC deadlock by not responding to a backpressure frame, which of the following lossless functions needs to be deployed?

A. PFC deadlock prevention

B. PFC deadlock detection
C. AI ECN
D. DCQCN

**Answer:** A


**QUESTION 21**
Which of the following is the role of SI in the NSH service chain?

A. The path number of the service chain
B. Used to indicate the next-hop IP address
C. Used to prevent loops
D. The SI value can be used to calculate the number of business function points that are currently eclips

**Answer:** D
**Explanation:**
SI: service index, the service function index, which can be used to calculate the current number of business function points through the SI value


**QUESTION 22**
Which of the following options are included in the action type of a runbook in the CloudFabric network business open programmable overall solution?

A. Rollback
B. WithDraw
C. Commit
D. DryRun

**Answer:** AD


**QUESTION 23**
Device configuration parameters can be adjusted when using the edge intelligence function of iMaster NCE-FabricInsight for specified stream analysis.
Which of the following device configurations cannot be automatically delivered during UDP specified stream analysis?

A. Active aging time
B. ACL Number
C. Whether the VXLAN packet is matched
D. Whether to match TAG packets with a layer 1 VLAN

**Answer:** A

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